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Assistant Commissioner for Patents Washington, D. C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

INVENTORS: Richard H. BOIVIE

TITLE: MULTICAST ENABLED MAIL

In connection with this application, the following are enclosed:

- 18 Pages of Specification, Claims and Abstract
- 20 Claims
- 7 Sheets of Drawings (FIGS, 1-5)
- XX Associate Power of Attorney
- XX Declaration, Power of Attorney
- XX Assignment to: International Business Machines Corporation

Rate Basic Fee
For Number Filed Number Extra Large (Small) \$710 (\$355

The fee has been calculated as shown below. (Small entity fees indicated in parentheses.)

\$710 (\$355) Total Claims 20 20 0 0 \$18 (\$9) Independent 6 3 3 240 \$80 (\$40) Claims Multiple Dependent Claims 0 \$270 (\$135) Assignment Recording Fee 40 \$40

XX The Commissioner is hereby authorized to charge Deposit Account No. <u>50-0510</u> in the amount of \$990. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge payments of (1) any additional filing fees required under 37 CFR 1.16, and/or (2) any patent application processing fees under 37 CFR 1.17 associated with this application or credit any overpayment to Deposit Account No. 50-0510.

XX Please direct all correspondence to Customer Number 23334.

FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI, P.L. 4400 N. Federal Highway, Suite 32 Boca Raton, FL 33431 (561)417-9477 (561)417-3844 Fax Respectfully submitted

TOTAL FEE:

Jose Gutman

Reg. No. 35,171

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Atty Docket: YOR920000591US1

Richard H. BOIVIE

APPLICATIONS BRANCH

Serial No. (not yet assigned)

Filed: HEREWITH

FOR: MULTICAST ENABLED MAIL



CERTIFICATE OF EXPRESS MAIL MAILING

"Express Mail" Mailing Label No. **EL563155020US**Date of Deposit: **October 24, 2000**

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

SIR:

I hereby certify that

X Application Transmittal

X Specification, Claims, Abstract

X 1 set of 7 sheets of drawings

X Associate Power of Attorney

X Declaration and Power of Attorney

X Assignment

X Return postcard

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MULTICAST ENABLED MAIL (Provided for Examination Reference Purposes)

PARTIAL WAIVER OF COPYRIGHT	î
CROSS-REFERENCE TO RELATED APPLICATIONS	
BACKGROUND OF THE INVENTION	
1. Field of the Invention	
2. The Prior Art	2
SUMMARY OF THE INVENTION	3
Exemplary Embodiment Multicast Enabled Mail	
Mail Application Program Functionality	7
Reliable Multicast Software Functionality	7
Intermediate Node Multicast Functionality	8
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Discussion of Hardware and Software Implementation Options	9
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